(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 02007 (16792)

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TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450

Alexandria, VA 22313-1450							
Transmitted here invention entitled	ewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an						
NEAR-OPT SEQUENT	IMAL MULTIPLE-INPUT MULTIPLE-OUTPUT (MIMO) CHANNEL DETECTION VIA IAL MONTE CARLO						
and invented by:							
Xiadong Wan	g						
If a CONTINUA	TION APPLICATION, check appropriate box and supply the requisite information:						
☐ Continuati	on Divisional Continuation-in-part (CIP) of prior application No.:						
Which is a:							
	on Divisional Continuation-in-part (CIP) of prior application No.:						
Which is a:							
☐ Continuati	on Divisional Continuation-in-part (CIP) of prior application No.:						
Enclosed are:	Application Elements						
1. 🛭 Filin	g fee as calculated and transmitted as described below						
2. 🗵 Spec	2. Specification having pages and including the following:						
a. 🗷	a. 🗵 Descriptive Title of the Invention						
b. 🗵	Cross References to Related Applications (if applicable)						
с. 🗀	c. Statement Regarding Federally-sponsored Research/Development (if applicable)						
d. Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix							
e. 🗵 Background of the Invention							
f. 🛚	Brief Summary of the Invention						
g. 🛚	Brief Description of the Drawings (if filed)						
h. 🗵	Detailed Description						
i. 🛚	Claim(s) as Classified Below						
j. 🗵	Abstract of the Disclosure						

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		Application Elements (Continued)					
3.	X	Drawing(s) (when necessary as prescribed by 35 USC 113)					
	a.						
	b.	☐ Informal Number of Sheets					
4.		Oath or Declaration					
	a.	☐ Newly executed (original or copy) ☐ Un executed					
	b.	☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)					
	C.	☐ With Power of Attorney ☐ Without Power of Attorney					
	d.	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).					
5.	Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.						
6.	☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)						
7.		Application Data Sheet (See 37 CFR 1.76)					
8.		□ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)					
	a.	a. Computer Readable Form (CRF)					
	b.	D. Specification Sequence Listing on:					
		i. CD-ROM or CD-R (2 copies); or					
		ii. 🗋 Paper					
	C.	Statement(s) Verifying Identical Paper and Computer Readable Copy					
		Accompanying Application Parts					
9.		Assignment Papers (cover sheet & document(s))					
10.		37 CFR 3.73(B) Statement (when there is an assignee)					
11.		English Translation Document (if applicable)					
12.		Information Disclosure Statement/PTO-1449 Copies of IDS Citations					
13.		Preliminary Amendment					
14.	X	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)					
15.		Certified Copy of Priority Document(s) (if foreign priority is claimed)					
16.	X	Certificate of Mailing					
		☐ First Class ☒ Express Mail (Specify Label No.): EV 185861726 US					

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Accompanying Application Parts (Continued)

17.	X	Additional Enclosures (please identify below):					
		Assignee Name:	NEC Laboratories America, Inc.				
		Assignee Address:	Princeton, New Jersey				
		Request That A	oplication Not Be Published Pursuant To 35 U.S.C. 122(b)(2)				
18.		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.					
		Warning					
An applicant who makes a request not to publish, but who subsequently files a country or under a multilateral international agreement specified in 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the filing of such foreign or international application. A failure of the applicant such notice within the prescribed period shall result in the application being abandoned, unless it is shown to the satisfaction of the Director that the submitting the notice was unintentional.							

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Fee Calculation and Transmittal

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otal Claims	20	- 20 =	0	x	\$18.00	\$0.00
ndep. Claims	4	- 3 =	1	х	\$84.00	\$84.00
/lultiple Dependent Cl	aims (check	if applicable)				\$0.00
					BASIC FEE	\$750.00
OTHER FEE (specify	purpose)					\$0.00
					TOTAL FILING FEE	\$834.00
☑ Credit any☑ Charge an☑ Charge the	•	ing fees required in 37 C.F.R. 1.1			6 and 1.17. e Notice of Allowance,	
			P	aul J./Es	Signature	

Applicant(s): Xiadong W		MAIL" (37 CFR 1.10)	Docket No. 02007 (16792)		
Serial No. Unassigned	Filing Date Herewith	Examiner Unassigned	Group Art Unit Unassigned		
	MAL MULTIPLE-INPUT MUL' IAL MONTE CARLO	TIPLE-OUTPUT (MIMO) CHANI	NEL DETECTION VIA		
I hereby certify that the	e following correspondence:				
New Application					
	(Identify type	of correspondence)			
is being deposited with	h the United States Postal Serv	ice "Express Mail Post Office to	Addressee" service under		
37 CFR 1.10 in an	envelope addressed to: Com	missioner for Patents, P.O. Box	1450, Alexandria, VA		
22313-1450 on	July 31, 2003				
	(Date)				
		Paul J. Esatto, J	r.		
		(Typed or Printed Name) (Signature)			
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